AFIX Online Tool User Guide



Version 3.0 Effective January 2016



Table of Contents

| INTRODUCTION | 3 |
|---|----|
| GETTING STARTED | 3 |
| Navigation to Home Page/Awardee Dashboard | 3 |
| AFIX ONLINE TOOL | 4 |
| Symbols and Data Save Options | 4 |
| AFIX Awardee Dashboard | 5 |
| AFIX Provider Dashboard | 9 |
| STARTING A SITE VISIT | 13 |
| General Site Visit Information | 14 |
| General Site Visit Table of Field Names | 14 |
| AFIX Site Visit Questionnaire | 16 |
| About the AFIX Site Visit Questionnaire: Frequently Asked Questions | 19 |
| Assessment Results | 20 |
| Feedback | 20 |
| Initial eXchange | 22 |
| Subsequent eXchange | 25 |
| Summary | 26 |
| Files | 27 |
| Help/Updates | 28 |
| AFIX-Reports | 28 |
| AFIX Site Visit Tool Printable Documents | 29 |
| AFIX Resources | 29 |
| Management Reports | 29 |
| Submitting the AFIX Annual Report | 30 |
| AFIX Online Tool Required Fields | 31 |

Table of Figures

| Figure 1: AFIX Navigation | 3 |
|--|-----|
| Figure 2: AFIX-Navigation Options | 4 |
| Figure 3: Awardee Dashboard Section 1 | 5 |
| Figure 4: Awardee Dashboard Section 2 | 6 |
| Figure 5: Awardee Dashboard Section 3 | 7 |
| Figure 6: Awardee Dashboard Section 4 | |
| Figure 7: Awardee Dashboard Reports, Search Criteria | |
| Figure 8: Awardee Dashboard Search Criteria, Report Results | 8 |
| Figure 9: Awardee Dashboard Recent AFIX Visits/Visit Search Table | |
| Figure 10: Provider Dashboard Section 1 | |
| Figure 11: Provider Dashboard, Editing Provider Information | 10 |
| Figure 12: Provider Dashboard Section 2 | |
| Figure 13: Provider Dashboard Section 3 | |
| Figure 14: Provider Dashboard Reports, Search Criteria | 12 |
| Figure 15: Provider Dashboard Search Criteria, Reports Results | 12 |
| Figure 16: Provider Dashboard Recent AFIX Visits/Visit Search | |
| Figure 17: AFIX Search Tab, New Visit | |
| Figure 18: Provider Information, New Visit | 13 |
| Figure 19: Provider Dashboard, New Visit | |
| Figure 20: General Site Visit Information | 14 |
| Figure 21: AFIX General Site Visit Field Names | 16 |
| Figure 22: AFIX Site Visit Questionnaire | |
| Figure 23: AFIX Site Visit Questionnaire, QI Suggestion Action Steps | 17 |
| Figure 24: AFIX Site Visit Questionnaire, Not Applicable Answer Option | 18 |
| Figure 25: AFIX Site Visit Questionnaire, Non-Standard QI Strategy | |
| Figure 26: QI Action Plan | |
| Figure 27: AFIX Assessment Results | 20 |
| Figure 28: Feedback | 21 |
| Figure 29: Upload/Attached Files | |
| Figure 30: Initial Exchange of Information | 22 |
| Figure 31: Initial Exchange, Assessment Outcome Measures, Childhood and Adolescent | 23 |
| Figure 32: Initial Exchange, Implementation Progress of Selected QI Strategies | 24 |
| Figure 33: Initial Exchange File Upload | 25 |
| Figure 34: Subsequent Exchange 1 | 25 |
| Figure 35: Subsequent Exchange 2 | 26 |
| Figure 36: Site Visit Summary | |
| Figure 37: Files | 27 |
| Figure 38: Notes | |
| Figure 39: Help/Updates | |
| Figure 40: AFIX-Reports | 28 |
| Figure 41: PAPA, Annual Reports | 30 |
| Figure 42: PAPA, AFIX Annual Report | |
| Figure 43: AFIX Online Tool Required Fields | 32. |

INTRODUCTION

The AFIX Online Tool is a data collection, analysis, and visualization tool which can be used to pinpoint strengths and improvement opportunities for providers. Coverage data for the AFIX Online Tool must be generated either directly from the Awardee's Immunization Information System (IIS) or from IIS data being imported into CoCASA.

This User Guide describes how to navigate the AFIX Online Tool for recording, managing, and aggregating AFIX site visit data from across the Immunization Awardee's jurisdiction.

GETTING STARTED

Navigation to Home Page/Awardee Dashboard

The AFIX Online Tool responds to the steps listed below, to reach the AFIX- Home page, which is the Awardee Dashboard.

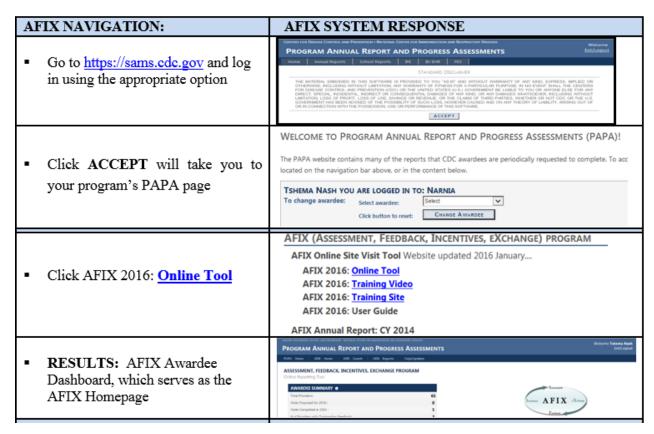


FIGURE 1: AFIX NAVIGATION

For help with SAMS, contact the SAMS Help Desk at the toll free number: 877-681-2901 or email samshelp@cdc.gov.

For assistance with the AFIX Online Tool, please contact the AFIX Online Tool Help Desk (Akash Dongol) at the toll free number: 800-803-5212 or email afixonline@cdc.gov.

AFIX ONLINE TOOL

Symbols and Data Save Options

- "represents any additional information provided regarding the respective section. Simply hover over the symbol to reveal the information.
- "*" indicates a required field. The user will not be able to advance to the next tab until fields marked with an asterisk are filled out.
- **SAVE**: clicking here will allow the user to save the data for later and remain on the page. It doesn't check for page completeness or required fields.
- SAVE AND QUIT: Clicking here will save the user's site visit data and exit the AFIX Online Tool. It doesn't check for page completeness or required fields. The user will be logged out of the PAPA application.
- SAVE AND CONTINUE: Clicking here will save the data and move users to the next page. It only checks for page completeness if the user selects the acknowledgement box, described below. If the user selects the acknowledgement box, then clicking save and continue will check the completeness of a page. If required fields are missing, the user will be instructed to complete the missing field(s) or the data will not save using this button.
- "I acknowledge that this page is complete, and all responses are final": Checking this box at the bottom of a page will finalize the data entered and lock the page. Once this box is check and the user moves to the next tab, no changes can be made to this page unless the AFIX Coordinator unlocks the page with a code provided by CDC. Reach out to the AFIX Coordinator if the page needs to be unlocked.
- Required Field Status: COMPLETE: If the complete status is displayed on the page, then all required fields have been entered, validated, and the page is considered complete. In order for the entire site visit to be complete, and to show up in the aggregate reports, the user must ensure that each page status is marked as COMPLETE. The user must enter all required fields, check the acknowledge box that all responses are final and the page is complete, then click on SAVE AND CONTINE to mark required field status as COMPLETE.
- Required Field Status: IN-PROGRESS: : If the in-progress status is displayed on the page, then the page is either missing a required field or has not been validated for completeness.
- At the top of the AFIX Online Tool tab are five navigation options:

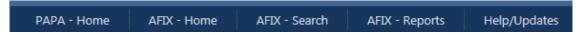


FIGURE 2: AFIX-NAVIGATION OPTIONS

- a. **PAPA Home,** navigates to the PAPA home page in Figure 4
- b. **AFIX Home,** navigates to the AFIX home page; the Awardee Dashboard
- c. **AFIX Search**, navigates to the Search page which provides the list of providers
- d. **AFIX Reports,** navigates to the Reports page
- e. **Help / Updates,** navigates to this Online Tool User Guide and other resources. The CDC provides Online Tool updates, program updates, and reminders under this tab

AFIX Awardee Dashboard

The AFIX Awardee Dashboard aggregates data from all of the site visits conducted by the Immunization Awardee during the year. The Awardee Dashboard has several capabilities, many of which have been enhanced for 2016, and additional details are covered in the first 14 minutes of the AFIX 2016: Training Video found on the PAPA page under AFIX Online Site Visit Tool.

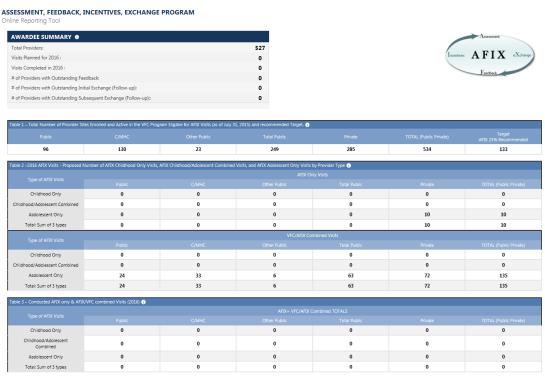


FIGURE 3: AWARDEE DASHBOARD SECTION 1

The first section of the **Awardee Dashboard** is comprised of the **Awardee Summary** and the Awardee's tables seen in FIGURE 3 above:

- Awardee Summary: indicates the total number of:
 - Awardee providers
 - visits planned
 - visits completed
 - visits missing Feedback, Initial Exchange, or Subsequent Exchange
- Table 1 Total Number of Provider Sites Enrolled and Active in the VFC Program Eligible for AFIX Visits (as of July 31, 2015) and recommended Target
 - Data pulled from eGrATIS
- Table 2 2016 AFIX Visits Proposed Number of AFIX Childhood Only Visits, AFIX
 Childhood/Adolescent Combined Visits, and AFIX Adolescent Only Visits by Provider Type
 - Data pulled from eGrATIS
- Table 3 Conducted AFIX only and AFIX/VFC combined Visits (2016)
 - This table provides the number of conducted visits and adjusts with each visit conducted.



FIGURE 4: AWARDEE DASHBOARD SECTION 2

The second section of the Awardee Dashboard is comprised of the Awardee's AFIX Coverage Rates and Comparison Chart, seen in FIGURE 4 above.

- The AFIX Coverage Rates are for the antigens required by CDC to be assessed. Some antigen names have been modified to use up-to-date (UTD). UTD will be used in reference to vaccine measurements where a variable number of doses can be applied to achieve protection depending on patient age, date of first dose, and/or vaccine product licensure nuances. The Awardee coverage rates are visually compared to the National rates and the HP2020 targets.
- Using the dropdown menus, the Comparison Charts provide users with the ability to graph either Initial Follow-up data between years or Assessment v. Initial follow-up data within a year.



FIGURE 5: AWARDEE DASHBOARD SECTION 3

The third section provides the top childhood and adolescent strategies answered "No." If more than one strategy is tied for a place, all tied strategies will be listed under the respective ranking, e.g. if there are two strategies tied for second place, both strategies will be labeled 2. This section also shows the top selected childhood and adolescent strategies, displayed as a percentage of all visits conducted by the Awardee.

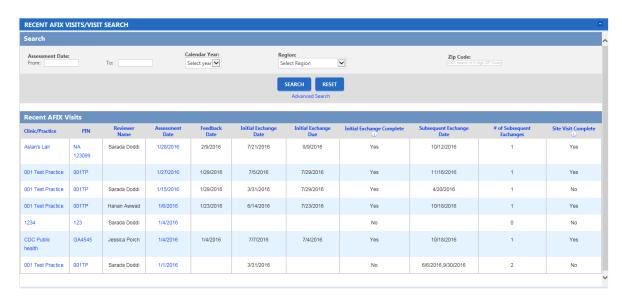


FIGURE 6: AWARDEE DASHBOARD SECTION 4

The fourth, and last, section of the **Awardee Dashboard** lists all of the visits conducted by the Awardee in a table, broken into sortable columns of visit information. Each column can be sorted by clicking on the column title. Users can also filter the visits using Assessment Date ranges, Calendar Year, Region and/or Zip Code in the Search section above the table.



FIGURE 7: AWARDEE DASHBOARD REPORTS, SEARCH CRITERIA

If more in depth filtering is needed, **Advanced Search** under the Search button will take the user to **Reports: Search Criteria** to generate reports of visits based on multiple filters, seen above. The criteria selected in **Report Search Criteria** will auto populate in Selected Criteria.

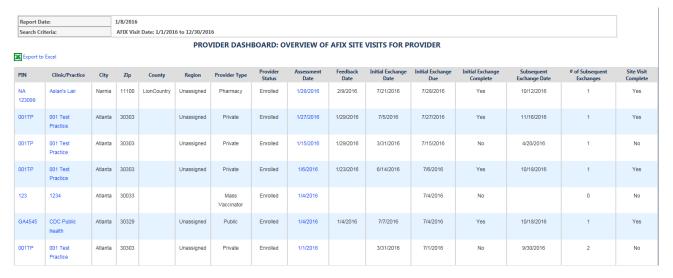


FIGURE 8: AWARDEE DASHBOARD SEARCH CRITERIA, REPORT RESULTS

Once the desired criteria is selected, clicking **Generate Report** will create a list of all visits that fit the chosen criteria, which can then be exported to Excel for data analysis and other uses. In the example above, the search criteria used was the visit date interval between 1/1/2016 and 12/20/2016. All visits fitting the given criteria are then listed.

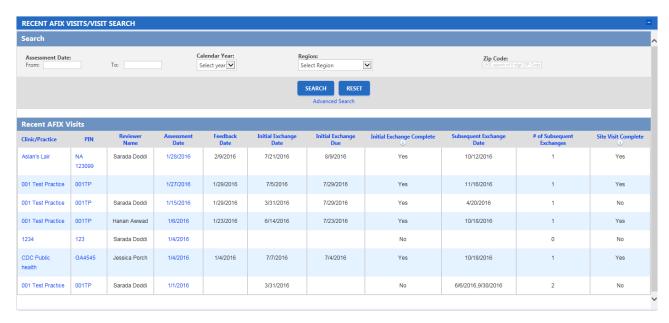


FIGURE 9: AWARDEE DASHBOARD RECENT AFIX VISITS/VISIT SEARCH TABLE

Back on the Awardee Dashboard, Recent AFIX Visits/Visit Search, clicking the:

- Date under Assessment Date column will navigate to that visit's data
- Clinic/Practice or PIN will navigate to the Provider Dashboard

AFIX Provider Dashboard

The Provider Dashboard displays data for the most recent site visit conducted for a provider for the current year. Users can review coverage rates and charts, selected strategies, and begin a new site visit for that provider.



FIGURE 10: PROVIDER DASHBOARD SECTION 1

The first section of the **Provider Dashboard** displays the provider information, the progress of the parts of the visit, the selected QI strategies, and the childhood and/or adolescent coverage rates.

- Provider Summary: auto-populates the site name, PIN number, the reviewers who conducted a visit to this provider, the provider's AFIX contact name, phone, and email in the database. Clicking "edit" will take the user to a page where information for the provider can be updated. More details on updating provider information can be found below.
- **Assessment Date**: provides the latest assessment date along with a breakdown and completion progress of the different parts of the site visit.
- Selected QI Strategies: implementation progress of the strategies selected for implementation.
- Childhood/Adolescent Coverage rates: coverage rates for the antigens required by CDC. Some antigen names have been modified to use up-to-date (UTD). UTD will be used in reference to vaccine measurements where a variable number of doses can be applied to achieve protection depending on patient age, date of first dose, and/or vaccine product licensure nuances. The provider's rates are visually compared to the Awardee coverage rates and the HP202 targets.

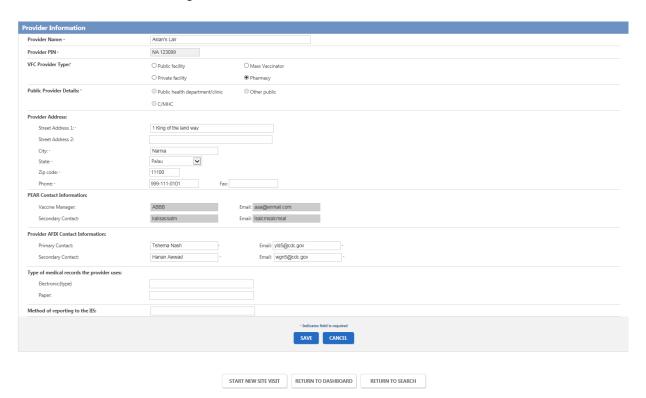


FIGURE 11: PROVIDER DASHBOARD, EDITING PROVIDER INFORMATION

Clicking "edit" next to the Provider Summary will allow the user to edit all Provider information as seen above. Users will not have the ability to add or remove a VFC Provider using the AFIX Online Tool, all additions and deletions need to happen in the VFC Online System (PEAR). After editing and saving the provider information, the user can either begin a new site visit for that provider, return to the Provider Dashboard, or go to the AFIX-Search page.

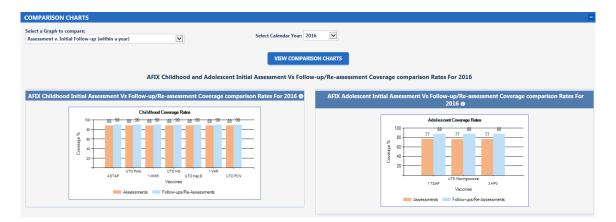


FIGURE 12: PROVIDER DASHBOARD SECTION 2

The second section of the **Provider Dashboard** contains the comparison charts. With the provider's coverage rate information, the user can graph Initial Follow-up data between years and/or Assessment v. Initial Follow-up data within a year, using the dropdown menus.

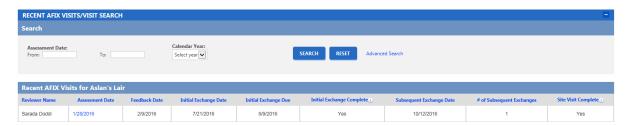


FIGURE 13: PROVIDER DASHBOARD SECTION 3

The third, and last, section of the **Provider Dashboard** lists all of the visits conducted with the provider, broken down by the different parts of a visit. Each column can be sorted by clicking on the column title. Users can also filter using **Assessment Date** ranges or **Calendar Year** in the **Search** section above the table.



FIGURE 14: PROVIDER DASHBOARD REPORTS, SEARCH CRITERIA

If more in depth filtering is needed, **Advanced Search** under the **Search** button will take the user to **Reports: Search Criteria** to generate reports of visits based on multiple filters, seen above. The criteria selected in **Reports Search Criteria** will auto populate under **Selected Criteria**.



FIGURE 15: PROVIDER DASHBOARD SEARCH CRITERIA, REPORTS RESULTS

Once the desired criteria is selected, clicking **Generate Report** will create a list of all visits that fit the chosen criteria, which can then be exported to Excel. In the example shown in FIGURE 15 above, the search criteria used was the visit date interval between 1/1/2016 and 12/20/2016. All visits fitting the given criteria are then listed.



FIGURE 16: PROVIDER DASHBOARD RECENT AFIX VISITS/VISIT SEARCH

Back on the Provider Dashboard, Recent AFIX Visits/Visit Search, clicking the:

Date under Assessment Date column will navigate to the information from that visit.

STARTING A SITE VISIT

A site visit can be started for a provider using any of the following options:

1) The AFIX-Search Tab



FIGURE 17: AFIX SEARCH TAB, NEW VISIT

2) The **Provider Information** edit page



FIGURE 18: PROVIDER INFORMATION, NEW VISIT

3) The Provider Dashboard



FIGURE 19: PROVIDER DASHBOARD, NEW VISIT

General Site Visit Information

The General Site Visit Information tab collects the basic information for the AFIX site visit.

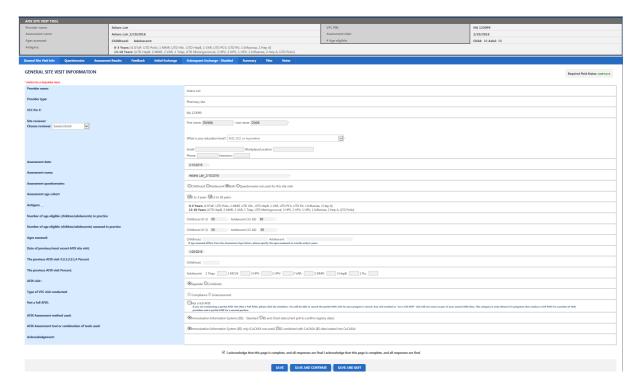


FIGURE 20: GENERAL SITE VISIT INFORMATION

General Site Visit Table of Field Names

The following table details the Field Names of the General Site Visit Information page:

| FIELD NAME | ANSWER / TIP |
|-----------------|---|
| Site reviewer | Click on the Choose reviewer dropdown menu to select a reviewer from the existing list or enter a new reviewer. Include the reviewer's education level, email, workplace/location, and phone number. |
| Assessment date | Enter the date of your assessment which is the date. A calendar will pop-up for you to select the date. |
| Assessment name | A default name will be provided. The name will be comprised of the provider name and the assessment date. The user has the option to change the Assessment name in this free text box. |

| FIELD NAME | ANSWER / TIP |
|--|---|
| Assessment questionnaire | Based on the visit details, select the appropriate age cohort. If conducting a childhood assessment, select Childhood Assessment Questionnaire ; if conducting an adolescent assessment, select the Adolescent Assessment Questionnaire ; if conducting a combined (childhood/adolescent) assessment, select Both ; if the questionnaire was not used, select Questionnaire not used for this site visit. |
| Assessment age cohort | Choose the patient age cohort for the site visit. If conducting a childhood assessment, select 0-3 years; if conducting an adolescent assessment, select 13-18 years; if conducting a combined (childhood/adolescent) assessment, select both 0-3 years and 13-18 years. |
| Antigens | Antigens are auto populated based on the Assessment Age Cohort selected. Some antigen names have been modified to use up-to-date (UTD). UTD will be used in reference to vaccine measurements where a variable number of doses can be applied to achieve protection depending on patient age, date of first dose, and/or vaccine product licensure nuances. |
| Number of age eligible (children/adolescents) in practice | Enter the total number of age-eligible children and/or adolescents that belong to the practice. |
| Number of age eligible (children/adolescents) assessed in practice | Enter the number of age-eligible children and/or adolescents <u>assessed in the practice for the visit</u> . If using IIS, all eligible children and/or adolescents should be assessed. |
| Ages assessed | Specify if age assessed is different than the standard 0-3 or 13-18 years as of the Assessment date. |
| Date of previous/most recent AFIX site visit | The date of the previous/most recent AFIX site visit will be auto populated based on the information in our database. Enter the previous/most recent FIX site visit date if no date auto populates, but there was a previous visit. |
| The previous AFIX visit 4:3:1:3:3:1:4 Percent | The previous 4:3:1:3:3:1:4 coverage will be auto populated based on the information in our database. Enter the previous AFIX visit's 4:3:1:3:3:1:4 percent, if no percent auto populates, but the percent coverage from visits started since January 2014 should be available in the database. |

| FIELD NAME | ANSWER / TIP |
|---|--|
| The previous AFIX visit Percent | The previous adolescent coverage will be auto populated based on the information in our database. Enter the previous AFIX visit adolescent percentages, if no percent auto populates, but the percent coverage from visits started since January 2014 should be available in the database. |
| AFIX visit | Choose Combined if the site visit is completed in conjunction with a VFC site visit. Otherwise, choose Separate. |
| Type of VFC visit conducted | If the AFIX visit is combined with a VFC site visit, indicate if the VFC site visit is a Compliance or Unannounced visit. |
| Not a full AFIX | Click this box if you're conducting a partial AFIX visit only. Any partial visits will not be counted in the Annual Report. These visits will also not show up in any AFIX Management Reports. |
| AFIX Assessment method used | IIS is the new AFIX standard method, however, if patient charts are reviewed to confirm the accuracy and completeness of IIS data then select the IIS and Chart data option. |
| AFIX Assessment tool or combination of tools used | If you use IIS only to run provider coverage rates, select IIS only. If you export IIS data into CoCASA to generate provider coverage rates, select IIS combined with CoCASA. |

FIGURE 21: AFIX GENERAL SITE VISIT FIELD NAMES

AFIX Site Visit Questionnaire

Utilizing the AFIX Site Visit Questionnaire is a CDC requirement for every conducted AFIX visit. It is used to assess the immunization practices at a provider office and identify QI immunization practices the provider will work to implement before the initial exchange.

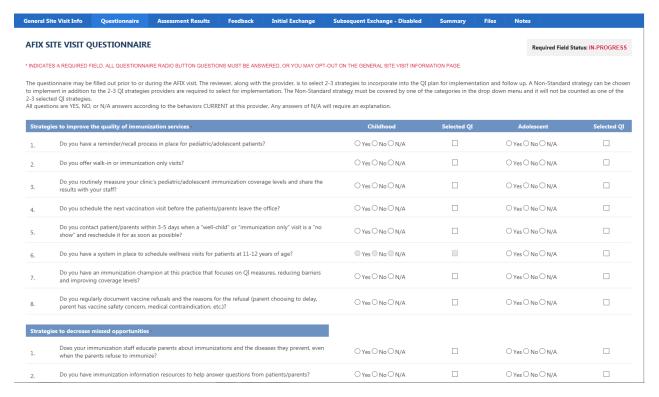


FIGURE 22: AFIX SITE VISIT QUESTIONNAIRE

YES, NO, or N/A answers are required for each of the AFIX Site Visit Questionnaire questions and 2-3 QI strategies must be selected for implementation during every AFIX visit. The questionnaire uses the same questions for childhood and adolescent assessments with the exception of question #6, which applies to adolescent visits only. For any strategy selected for implementation, a list of suggested action steps will unroll below the question. With the provider staff, select the steps to be put in place to implement the selected strategy.

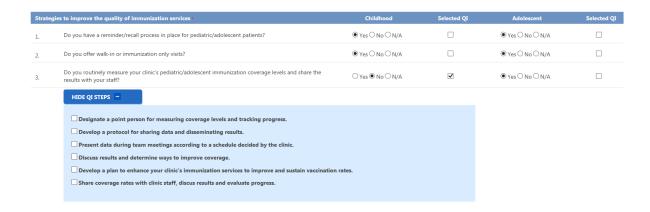


FIGURE 23: AFIX SITE VISIT QUESTIONNAIRE, QI SUGGESTION ACTION STEPS

Each strategy has respective action steps suggested for implementation by CDC. When a strategy is selected for implementation, the suggested action steps will roll out underneath the strategy, as seen above.



FIGURE 24: AFIX SITE VISIT QUESTIONNAIRE, NOT APPLICABLE ANSWER OPTION

Select the N/A option for any strategy not considered applicable to the provider. The reason why the strategy is considered not applicable to the provider is required.



FIGURE 25: AFIX SITE VISIT QUESTIONNAIRE, NON-STANDARD QI STRATEGY

Users have the option to add a strategy not found in the Questionnaire, a **Non-Standard QI Strategy**. Non-Standard QI Strategies are chosen in addition to the 2-3 QI Strategies required for implementation — the Non-Standard QI Strategy <u>does not</u> take the place of one of the 2-3 required strategies from the Questionnaire. The Non-Standard Strategy must fall under one of three categories shown above.

Once the Questionnaire has been completed, click **SAVE** to auto populate the answers in the **Quality Improvement Action Plan** (QI Action Plan).

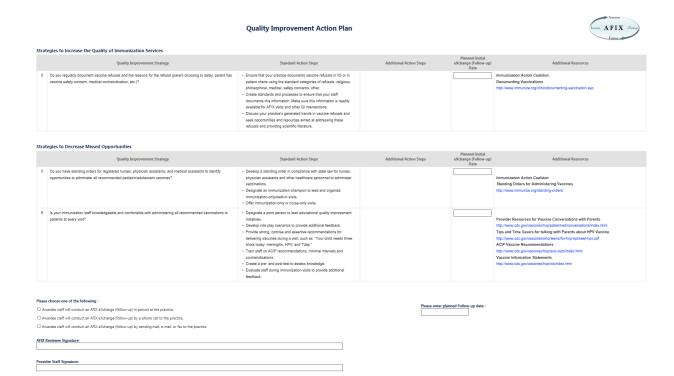


FIGURE 26: QI ACTION PLAN

Each selected QI strategy will be displayed in the QI Action Plan, along with the selected suggested action steps from the Questionnaire. In addition to the strategy and action steps, users are able to add any additional action steps not covered by the suggested steps as well as the **Planned Initial Exchange Date**. CDC has provided resources for each QI strategy for additional information.

At the bottom of the QI Action Plan, the method of communication for the initial exchange is required and the AFIX Reviewer and Provider Staff signatures are needed along with the date for the Planned Initial Exchange [Follow up] Date. As this date overrides the individual Selected QI Strategy dates, this date can be used to populate all of the selected QI strategies' Planned Initial Exchange [Follow-up] dates.

About the AFIX Site Visit Questionnaire: Frequently Asked Questions

QUESTION: I'm missing the Childhood or Adolescent column for a YES or NO radio button. What could be an explanation?

ANSWER: The displayed questionnaire columns depends on the selected age cohort indicated in the **General Site Visit Information** page, e.g., if Childhood was selected, then only columns for Childhood will be shown in the **Site Visit Questionnaire**.

QUESTION: What do I do if the **Site Visit Questionnaire** is not used?

ANSWER: If you don't use the **Site Visit Questionnaire** for a visit, set the Assessment questionnaire answer in the General Site Visit Information page to **Questionnaire not used for this site visit**. The system will require you to provide the reason/s for not using the questionnaire.

Assessment Results

The **Assessment Outcome Measure** percentages are generated during the Assessment.

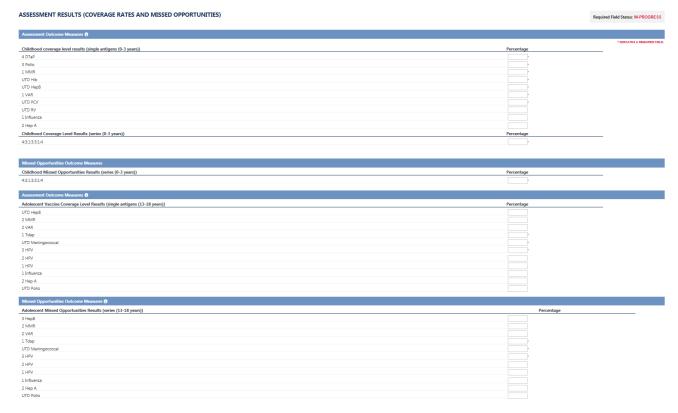


FIGURE 27: AFIX ASSESSMENT RESULTS

If a coverage percentage at the time of the site visit is not available, click the SAVE button, which enables skipping required responses and for completion later, when rates are available. The items required for reporting are marked with red asterisks (*), but your program may also track non-required antigens.

Some antigen names have been modified to use up-to-date (UTD). UTD will be used in reference to vaccine measurements where a variable number of doses can be applied to achieve protection depending on patient age, date of first dose, and/or vaccine product licensure nuances.

Feedback

Feedback is when the results of both the quantitative and qualitative assessments are presented to the provider.

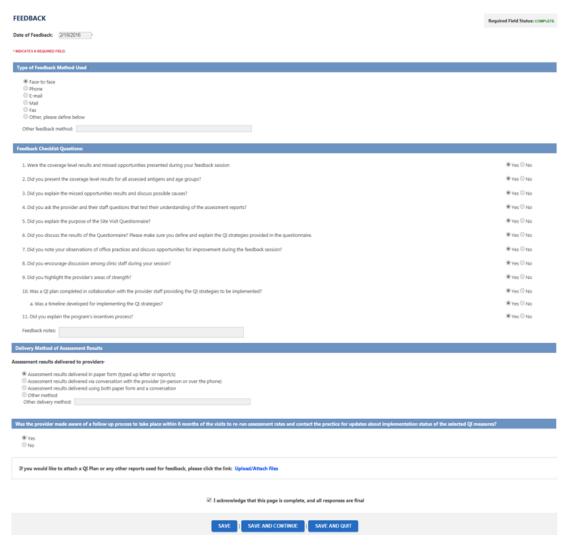


FIGURE 28: FEEDBACK

Indicate the Feedback date and the method of communication used for the Feedback. The **Feedback Checklist Questions** serve as a reminder of what to address during a feedback session. Specify how the Assessment results were delivered to the provider.

Any program documents used for Feedback files can be uploaded using the "**Upload/Attach files**" link, as shown in the figures above, which will take the user to the **AFIX File Upload** page, as seen below.



FIGURE 29: UPLOAD/ATTACHED FILES

Initial eXchange

The initial eXchange, or follow-up, should take place between three and six months following the feedback session with every provider that received an AFIX visit. The initial eXchange includes reassessment of the provider's coverage data as well as updates on the implementation progress of the selected QI strategies.

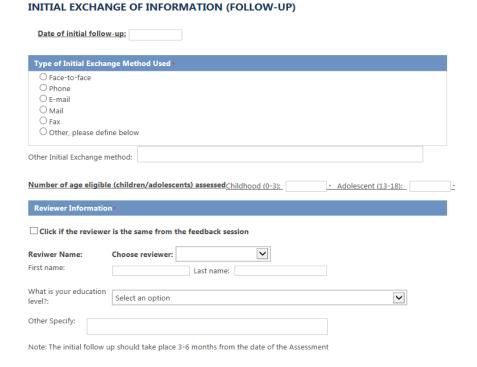


FIGURE 30: INITIAL EXCHANGE OF INFORMATION

Choose the appropriate options for the communication method of the initial eXchange, the number of age eligible children included in the reassessment, as well as the reviewer information. The reassessment of the provider's coverage data is for the same provider and same age group, but NOT the same list of patients from the original assessment.

| OCATES A REGURED FIELD. LISSESSIMENT OUTCOME Measures () | | | | | |
|--|---------|------------------------------|----------------------|---------------------------------|--|
| | | | | Difference, Percent and | Percent Coverage Goal |
| hildhood coverage level results (single antigens (0-3 years)) | Percent | Percentage Point Change HP20 | 20 Targets | HP2020 | for Following Year |
| DTaP | | | 90 | | |
| Polio | | | 90 | | |
| MMR | | | 90 | | |
| TD Hib | | | 90 | | |
| TD HepB | | | 90 | | |
| VAR | | | 90 | | |
| TD PCV | | | 90 | | |
| Influenza | | | 80 | | |
| НерА | | | 85 | | |
| перв | | | 95 | Difference, Percent and | Percent Coverage Goal |
| hildhood Coverage Level Results (series (0-3 years)) | Percent | Percentage Point Change HP20 | 20 Targets | HP2020 | for Following Year |
| 313314 | | | 80 - | | |
| | | | | | |
| fissed Opportunities Outcome Measures | | | | | |
| | | | | Mic | sed Opportunities |
| hildhood Missed Opportunities Results (series (0-3 years)) | | Percentage | Perc | entage Point Change Goal | |
| :3:1:3:3:1:4 | | | | | |
| | | | | | |
| | | SAVE DATA | | | |
| essment Outcome Measures 🌒 | | | | | |
| essment Outcome Measures ① vlescent Vaccine Coverage Level Results (single antigens (13-18 years)) | Percent | Percentage Point Change HP | 2020 Targets | Difference, Percent a HP2020 | and Percent Coverage Gos for Following Year |
| | Percent | Percentage Point Change HP | 2020 Targets | | |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B | Percent | Percentage Point Change HP | 2020 Targets | | |
| olescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR | Percent | Percentage Point Change HP | 2020 Targets | | |
| olescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR ricella | Percent | Percentage Point Change HP | | | |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR ricella | Percent | Percentage Point Change HP | 90 | | |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) P Hep B MR uricella lap Meningococcal | Percent | Percentage Point Change HP | 90 | | |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR ricella lap Meningococcal | Percent | Percentage Point Change HP | 90 80 80 | | |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR stricella lap Meningococcal PV PV | Percent | Percentage Point Change HP | 90 80 80 | | |
| olescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR ricella lap be Meningococcal PV PV fluenza | Percent | Percentage Point Change HP | 90 80 80 | | |
| olescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR Aircella Jap Denningococcal PV PV Fluenza EpA | Percent | Percentage Point Change HP | 90 80 80 | | |
| lescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR ricella ap Weningococcal V V Juenza | Percent | Percentage Point Change HP | 90 80 80 | | |
| olescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR Alap Demingococcal PV PV Fluenza spA I Polio | Percent | Percentage Point Change HP | 90 80 80 | | |
| Hescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR uricella lap Meningococcal PV PV filtenza spA Polio Sed Opportunities Outcome Measures ① | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| Alescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR Arriclla Jap Meningococcal PV PV PV Fluenza PP Polio Jep Polio Seed Opportunities Outcome Measures Results (single antigens (13-18 years)) | Percent | Percentage Point Change HP | 90 00 00 60 | | for Following Year |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR uricella lap Meningococcal V PV V V See Opportunities Outcome Measures Oelescent Missed Opportunities Results (single antigens (13-18 years)) Oeles | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR stricella lap Meningococcal PV PV PV PV PV Polio sed Opportunities Outcome Measures elescent Missed Opportunities Results (single antigens (13-18 years)) D HepB MR | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| olescent Vaccine Coverage Level Results (single antigens (13-18 years)) Filep B MR stricella lap Meningococcal PV PV PV PV PV Pluenza spA Polio seed Opportunities Outcome Measures publicecent Missed Opportunities Results (single antigens (13-18 years)) Diese B MR AR | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| olescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR sricella lap Meningococcal PV PV PV fluenza spA Polio sed Opportunities Outcome Measures olescent Missed Opportunities Results (single antigens (13-18 years)) HepB MR AR dap | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR ricella lap Meningococcal PV PV filtenza spA Polio sed Opportunities Outcome Measures O Delescent Missed Opportunities Results (single antigens (13-18 years)) D HepB MR AR dap O Meningococcal | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| All Second Vaccine Coverage Level Results (single antigens (13-18 years)) Help B MR Incicla | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR vicella lap Meningococcal PV PV fluenza epA P Polio sed Opportunities Outcome Measures Polescent Missed Opportunities Results (single antigens (13-18 years)) O HepB MR AR dap O Meningococcal PV PV PV | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| All Second Vaccine Coverage Level Results (single antigens (13-18 years)) Help B MR Incicla | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR uricella lap Meningococcal PV PV PV Seed Opportunities Outcome Measures Olescent Missed Opportunities Results (single antigens (13-18 years)) O HepB MR AR Jap D Meningococcal PV PV PV PV PV PV PV PV | Percent | | 90 00 00 60 | HP2020 | for Following Year |
| elescent Vaccine Coverage Level Results (single antigens (13-18 years)) Hep B MR ricella lap Meningococcal V V V V Illuenza spA J Polio seed Opportunities Outcome Measures HepB MR AR lap J Meningococcal PV D Meningococcal PV PV PV PV PV PV PV PV PV P | Percent | | 90 00 00 60 | HP2020 | for Following Year |

FIGURE 31: INITIAL EXCHANGE, ASSESSMENT OUTCOME MEASURES, CHILDHOOD AND ADOLESCENT

As the reassessment percentages for **Childhood and/or Adolescent Assessment Outcome Measures** are entered, the **Percentage Point Change** in coverage and in missed opportunities are automatically calculated. The **Percent Coverage Goal for Following Year** and **Missed Opportunity Coverage Goal for Following Year** are optional entries and may be used to define a provider's coverage and missed opportunities goals.

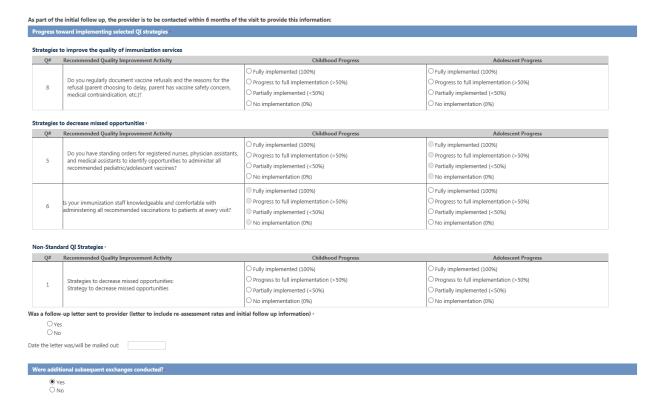


FIGURE 32: INITIAL EXCHANGE, IMPLEMENTATION PROGRESS OF SELECTED QI STRATEGIES

Four (4) implementation progress options are provided for the QI strategies selected in the Site Visit Questionnaire: Fully implemented (100%), Progress to full implementation (>50%), Partially implemented (<50%), and No implementation (0%). Currently, there are no set standards to assess completion percentage, but CDC's expectation is that the user will communicate the percentages to the provider and they, together, will determine the progress.

Example: if a selected QI strategy is to "educate parents about immunizations and the diseases they prevent, even when the parents refuse to immunize," and the provider mentions that:

- The staff now educates every parent that refuses to immunize, "Fully implemented (100%)" is appropriate
- The staff educates some parents, depending on time, "Progress to full implementation (>50%)" is appropriate
- The strategy is being discussed with staff, and they are planning the QI strategy implementation, "Partially implemented (<50%)" is appropriate
- No progress has been made, then "No implementation (0%)" is appropriate

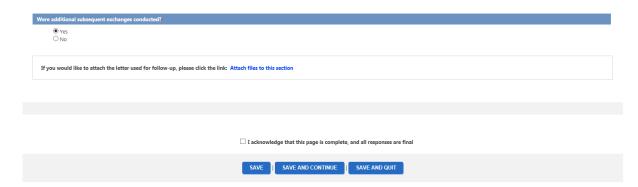


FIGURE 33: INITIAL EXCHANGE FILE UPLOAD

Indicate whether a subsequent exchange was carried out. You will not be able to access the Subsequent Exchange page unless you indicate under Initial Exchange that a subsequent exchange was carried out.

Any program documents used for initial eXchange files can be uploaded using the "Upload/Attach files" link.

Subsequent eXchange

Subsequent eXchanges take place when the initial follow up does not yield 100% implementation of selected QI measures or when a subsequent eXchange is requested by the provider staff.



FIGURE 34: SUBSEQUENT EXCHANGE 1

Select the reviewer, enter the details of the subsequent eXchange contact, and indicate whether the eXchanges were documented. All subsequent eXchange dates must be recorded.

On **Subsequent Exchange** pages, a user has the ability to record the reassessment results and missed opportunities if the user selects to run coverage 3 or more times. Coverage rates are not required to be generated for subsequent exchange – this process is up to your program to decide.

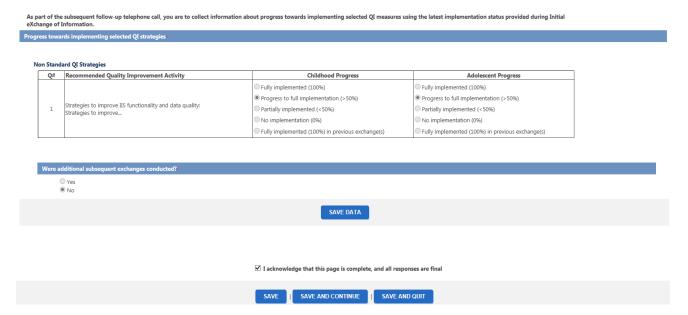


FIGURE 35: SUBSEQUENT EXCHANGE 2

After determining the implementation progress of the selected QI strategies, indicate whether additional Subsequent eXchanges were conducted. If yes, saving the data will provide another data entry form for the additional Subsequent eXchange that mirrors the previous Subsequent eXchange. If no, save the data to finish the data entry for the site visit and review the summary.

Summary

The Site Visit Summary tab provides a summary of all site visit information documented for that visit.



FIGURE 36: SITE VISIT SUMMARY

In the top right hand corner, there are options of printing the Summary page, in printer-friendly or PDF format, and/or downloading the data to excel. This data can be used to share with the provider or with others in the user's program. The AFIX Reports section can be accessed from as well. Clicking "+" expands each section and clicking "-" minimizes each section.

Files

Files contains all files that have been uploaded and attached as part of the site visit. **Files** also enables you to upload and attach any other site visit documents available to you, click the **Upload/Attach files** link to attach additional documents.



FIGURE 37: FILES

Click on the file name to view the selected document and/or click on "Remove this file" to delete the selected file.

Notes

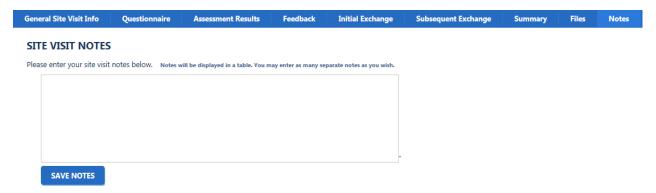


FIGURE 38: NOTES

The site visit notes can be documented in the **Notes** page for record keeping and review purposes. These notes will not appear on any report; they are intended for program use only.

Help/Updates

AFIX-Reports

Tips for Communicating with the Physician Additional Resources

Suggestions to Improve Immunization Practice Guide

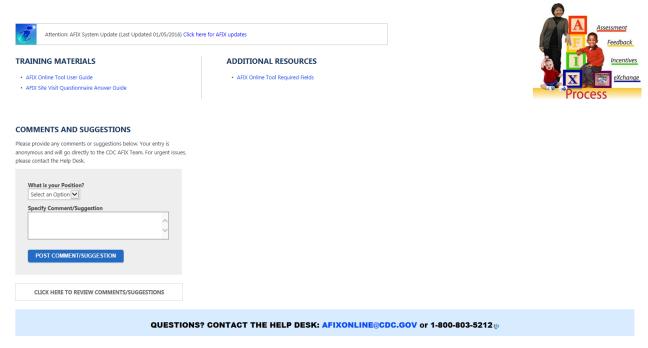


FIGURE 39: HELP/UPDATES

The **Help/Updates** page contains the AFIX Online Tool's training materials and additional resources as well as the ability for users to submit comments and/or suggestions to CDC. The "Click here for AFIX updates" link at the top of the page will take the user to CDC AFIX Online Tool updates, program updates, and reminders.

ASSESSMENT, FEEDBACK, INCENTIVES, EXCHANGE PROGRAM Online Reporting Tool AFIX Site Visit Tool Printable Documents Management Reports AFIX Site Visit - Full Document Select Calendar Year AFIX Annual Report (AFIXAR) AFIX Site Visit - General Site Visit Information Select Calendar Year AFIX Site Visit - Questionnaire AFIX Site Visit Status Report Select Calendar Year AFIX Site Visit - Feedback AFIX Assessment Questionnaire Aggregate Report AFIX Site Visit - Initial eXhange of Information AFIX Assessment Results Aggregate Report Select Calendar Year AFIX Site Visit - Subsequent eXhange of Information AFIX Site Visit - Additional Subsequent eXhanges of Information Select Calendar Year AFIX Assessment Results and Follow-up Results Aggregate Report AFIX Site Visit - Notes Select Calendar Year AFIX Feedback Results Aggregate Report Select Calendar Year AFIX Policies and Procedure Guide AFIX eXchange of Information results Aggregate Report Select Calendar Year AFIX Site Visit Checklist AFIX Provider Follow-up Report Quality Improvement Action Plan eXchange of Information Plan

FIGURE 40: AFIX-REPORTS

The AFIX-Reports page contains **AFIX Site Visit Tool Printable Documents**, **AFIX Resources**, and **Management Reports**.

AFIX Site Visit Tool Printable Documents

- 1. **AFIX Site Visit Full Document**: A hardcopy of the complete AFIX Site Visit
- 2. **AFIX Site Visit General Site Visit Information**: Hardcopy of the general site visit information portion of the AFIX Site Visit
- 3. AFIX Site Visit Questionnaire: Hardcopy of the questionnaire to be used during site visits
- **4. AFIX Site Visit Assessment Results:** Hardcopy of the assessment results for childhood and adolescent visits to be recorded during site visits
- 5. **AFIX Site Visit Feedback:** Hardcopy of the feedback portion of an AFIX site visit.
- **6. AFIX Site Visit Initial eXchange of Information:** Hardcopy of the Initial eXchange portion of an AFIX Site Visit
- **7. AFIX Site Visit Subsequent eXchange of Information:** Hardcopy of the Subsequent eXchange portion of an AFIX Site Visit
- 8. AFIX Site Visit Notes: Hardcopy of the notes section

AFIX Resources

- 1. AFIX Policies and Procedures: First edition manual for the AFIX Program
- 2. AFIX Overview: Overview of the AFIX program, including goals, roles and responsibilities
- 3. AFIX Site Visit Checklist: Information and materials checklist for a site visit
- **4.** Quality Improvement Action Plan: Hardcopy of the Quality Improvement Action Plan
- 5. Quality Improvement Action Steps: Hardcopy of CDC's suggested action steps for QI strategies
- 6. Tips for Communicating with the Physicians: AFIX visit tips from a physician's perspective
- 7. Additional Resources: Resources providing additional, beneficial information
- **8. AFIX Logic Model:** Examples of intended inputs, activities, outputs and outcomes for AFIX
- **9.** Suggestions to Improve Your Immunization Services: Checklist for providers for best approaches in decreasing missed opportunities and increasing vaccination coverage

Management Reports

- **1. AFIX Annual Report**: An aggregate summary of all site visit data for the CY year. This report is annually required by CDC.
- 2. AFIX Site Visit Status Report: Status of Site Visit Completion by provider clinic/practice
- **3. AFIX Assessment Questionnaire Aggregate Report**: An aggregate summary of all data items collected in the Questionnaire page.
- **4. AFIX Assessment Results Aggregate Report:** An aggregate summary of all data items collected in the Results page.
- 5. AFIX Assessment Results and Follow-up Results Aggregate Report: An aggregate comparison between initial and follow-up assessment results.
- **6. AFIX Feedback Results Aggregate Report:** An aggregate summary of all data items collected in the Feedback page.

- **7. AFIX eXchange of Information Results Aggregate Report:** An aggregate summary of all data items collected in the Exchange of Information page.
- **8. AFIX Provider Follow-up Report:** A list of all providers due for follow-ups.

Submitting the AFIX Annual Report



FIGURE 41: PAPA, ANNUAL REPORTS

CY2015 Annual Progress Reports are listed below. ANNUAL PROGRESS REPORT - CURRENT (CY2015) ANNUAL PROGRESS REPORT - PRIOR YEARS Adult -Coming Soon 2014 | 2013 | 2012 | 2011 | 2010 Adolescent -Coming soon Adolescent 2014 | 2013 | 2012 | 2011 | 2010 AFIX Annual Report Coming soon AFIX Annual Report 2014 | 2013 American Indian/Alaska Native -Coming soon AIAN 2014 | 2013 | 2012 | 2011 | 2010 Disease Surveillance Not available for 2016 Disease Surveillance 2013 | 2012 | 2011 | 2010 Highlights -Coming soon Highlights 2014 | 2013 | 2012 | 2011 | 2010 Immunization Information Systems (IIS) -Available 2014 | 2013 | 2012 | 2011 | 2010 Perinatal Hepatitis B -Coming soon Perinatal Hepatitis B 2014 | 2013 | 2012 | 2011 | 2010 Preparedness - Pandemic Flu -Coming soon Preparedness - Pandemic Flu 2014 | 2013 | 2012 | 2011 Vaccine Safety -Coming soon Vaccine Safety 2014 | 2013 | 2012 | 2011 | 2010 VFC Management Report -Coming soon VFC Management Report 2014 | 2013 | 2012 | 2011 | 2010 Due Dates: AFIX & VFC: -Coming soon IIS Annual Report: - Released - due date TBD IIS Business Plan (due to your IIS Consultant) -Coming soon 2015 Annual Report: -Coming soon RECENT RELEASES

FIGURE 42: PAPA, AFIX ANNUAL REPORT

The Annual Reports tab on the PAPA Homepage will take the user to Annual Reports page where the AFIX Annual Report can be submitted, as seen above.

AFIX Online Tool Required Fields

| Required Fields | | | |
|-----------------|-----------------------------------|--|--|
| | Site Visit Page Name | Required Field Name | |
| 1 | General Site Visit Information | Name of reviewer Education level of reviewer Assessment date Assessment name Assessment questionnaire Assessment age cohort Number of age eligible (children/adolescents) in practice Number of age eligible (children/adolescents) assessed in practice AFIX visit a. If VFC/AFIX visit: Type of VFC visit conducted AFIX Assessment method used AFIX Assessment tool or combination of tools used | |
| 2 | Questionnaire | YES, NO, or N/A response for each question. Selection of 2-3 QI strategies. Description of Non-Standard QI Strategy, if applicable Quality Improvement Action Plan a. Planned Initial eXchange Date b. Method of initial eXchange communication | |
| 3 | Assessment Results | Childhood Vaccine Coverage Level Results, if applicable 4 DTaP 3 Polio 1 MMR UTD Hib UTD HepB 1 VAR UTD PCV13 Coverage level results (series (0-3 years)), if applicable Missed opportunities results (series (0-3 years)), if applicable Adolescent Vaccine Coverage Level Results, if applicable 1 Tdap UTD Meningococcal 3 HPV Adolescent Missed Opportunities Results, if applicable 1 Tdap UTD Meningococcal 3 HPV | |

| Required Fields | | |
|-----------------|--|---|
| | Site Visit Page Name | Required Field Name |
| 4 | Feedback | Date of Feedback Type of Feedback Method Used Delivery Method of Assessment Results |
| 5 | Initial eXchange of Information (follow-up) | Type of Initial Exchange Method Used Number of age eligible (children/adolescents) assessed Reviewer information Childhood Vaccine Coverage Level Results, if applicable 4 DTaP 3 Polio 1 MMR UTD Hib UTD HepB 1 VAR UTD PCV13 Coverage level results (series (0-3 years)), if applicable Missed opportunities results (series (0-3 years)), if applicable Adolescent Vaccine Coverage Level Results, if applicable 1 Tdap |
| 6 | Subsequent eXchange of Information (follow-up) | Reviewer Information Provider contact details Were the eXchanges of information documented? Progress toward implementing selected QI strategies Were additional subsequent exchanges conducted? |

FIGURE 43: AFIX ONLINE TOOL REQUIRED FIELDS